

ABSTRACT

A jet engine using exhaust gas to get the propulsive force by rotating a fan within the exhaust gas burned in and emitted from the engine includes a body, a burner installed to the body to inject and burn the fuel in compressed air, a high-pressure turbine for giving rotational force by high-pressure exhaust gas from the burner, a low-pressure turbine for giving rotational force by low-pressure exhaust from the high-pressure turbine, a rotary shaft combined to a rotational center of the high-pressure and low-pressure turbines, and a propulsive force providing unit which is rotating together with the rotary shaft to change component of lateral velocity of the exhaust gas emitted through the turbines from the burner to be directed rearward.